

NPDES #1300 Oily Discharge General Permit Discharge Monitoring Report

Legal Name: KINDER MORGAN LIQUID TERMINALS LLC

Common Name: LINNTON TERMINAL

Facility Location: 11400 NW ST HELENS RD , PORTLAND

Submit report monthly by 15th of following month to:

Oregon DEQ

2020 SW 4th Avenue, Suite 400 Portland, Oregon 97201

, s gui, , 2(

Site/File ID #: 32300

County: MULTNOMAH

Month/Year/ November 2016

Demil Observation Present on site and in bulk discharging		Λ	Ionitoring for Oil	/Water Separator / AV	× 3034
Demil Observation Present on site and in bulk discharging	Day	i e	Visible Sheen	Ethanol and/or MBTE	Flow
1					Daily estimate, when discharging
2 3 4 5 6 6 7 8 8 9 10 11 12 05 14 15 16 17 18 19 20 21 (22 ND 24 25 26 27 28 29 30 31 Cotal 4ax. 24 44,507 44,507 44,507 44,507 44,507 44,507 44,507 44,507 45,500 45,500 45,500 47,544 40 40 40 41 41 41 41 41 41 41 41 41 41 41 41 41	Limit		L	No limit	No limit
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See Reverse Side for Additional Monitoring and Signature Block



Stormwater Monitoring

Only for facilities required to have NPDES permits for stormwater, per 40 CFR 122.26 Monitoring required for each point identified in the Stormwater Pollution Control Plan

Day	Visible Sheen	Floating Solids (associated with industry)	Total Copper (mg/L)	Total Lead (mg/L)	Total Zine (mg/L)	pH (S.U.)	Total Suspended Solids (mg/L)
	Daily when discharging, visual observation	Once per month when discharging	Twice per year, grab sample	Twice per year, grab sample	Twice per year, grab sample	Twice per year, grab sample	Twice per year, grab sample
Limit	No visible sheen	No visible discharge*	0.1 mg/L*	0.4 mg/L*	0.6 mg/L*	Within 6.0 to 9.0	130 mg/L*
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lverage				<u> </u>		<u> </u>	

^{*}These are benchmarks, not effluent limits. If benchmarks are exceeded, review/possible revision of Stormwater plan is required. See permit for more details.

Signature Requirement

I certify, under penalty of law that this docume	nent and all attachments	were prepared und	ier my direction or supen	vision in
accordance with a system designed to assure	e that qualified personne	el properly gather a	and evaluate the informat	ion submitted.
Based on my inquiry of the person or persons	is who manage the syste	m, or those persor	as directly responsible for	gathering the
information, the information submitted is, to the				
there are significant penalties for submitting f	false information, includir	ng the possibility o	Tines and imprisonment	for knowing
violations.	10 1	1 1		

Signature of Responsible Official: // / / / / / / / / / / / // / / / / /	
Name and Title (Please Print): Trave Travaltes Field School Jest	
Date of Signature: 12-5-06 Telephone: 503-220 1276	
	_



CERTIFICATE OF ANALYSIS

CLIENT: Kinder-Morgan Corporation

PROJECT NAME: Linnton T-3034

ATTN: **Steve Tungate**

5880 NW St. Helens Rd

Portland OR, 92710

PROJECT NUMBER: NPDES 001

PHONE: (503) 220-1276

FAX: (503) 220-1270

SUBMITTED: 11/06/06 13:50

REPORT DATE:	11/07/06 16:	39	REPORT NUMBER:	6110609				PAGE:	1 OF 1
CI SAMPLE 6110609-01	CLIENTS ID# Tank 3034, Batch 07-06			MATRIX Water					
SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESU	LTS UN	NITS	DETECTION LIMIT	TECH	DATE/TIME	NOTES
6110609-01	SAMPLE ID: Ta	nk 3034, Batch 07-06							
General Bench A	nalysis								
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	2.8	mį	g/L	2.0	JRW	11/07/2006 13:59	

General Bench Analysis - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
BATCH: Batch 6K07006 - Water Extra	ction									
QC AMPLE: Blank (6K07006-BLK1)					Prepared	& Analyzed	1: 11/07/06			
To OIL AND GREASE	ND	2.0	mg/L							
QC SAMPLE: LCS (6K07006-BS1)					Prepared -	& Analyzed	: 11/07/06			
TOTAL OIL AND GREASE	34.9	2.0	mg/L	32.2		108	79-114			
QC SAMPLE: LCS Dup (6K07006-BSD1)					Prepared	& Analyzed	: 11/07/06			
TOTAL OIL AND GREASE	29.9	2.0	mg/L	32.2		92.9	79-114	15.4	18	

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Authorized for Release By:

Richard D. Reid - Laboratory Director

TANK 3034 DISCHARGE REPORT

NPDES Permit No. 1300-J

Kinder Morgan Linnton Terminal 11400 NW St. Helens Road Portland, Oregon 97231

Batch No.:	7-06
	Batch # and Vear

Start of Discharge:

Date	Start Time	Beginning Gauge Reading Gallons	Person Starting Discharge
11/8/06	0900	127791	JB

End of Discharge:

Date	Ending	Ending Gauge Reading	Person Ending
	Time	Gallons	Discharge
11/9/06	1000	2093	AB

Total Gallons Discharged = 125698

COLUMBIA INSPECTION, INC.

CHAIN OF CUSTODY RECORD

AND

NON-COMMERCIAL BILL OF LADING

4901 E. 20th Street, Fife, WA 98424

☐ 4592 E 2nd Street, Ste 'A', Benicia, CA 94510

☐ 797 Channel Street, San Pedro, CA 90731

Ph: (503) 286-9464 Fax: (503) 285-7831

Ph: (253) 922-8781 Fax: (253) 922-8957

Ph: (707) 748-7587 Fax: (707) 748-7764 Ph: (310) 833-1557 Fax: (310) 833-1585

Customer Name:	Kindak M	623001	Project Name:	Link	154	Analysis To Be Performed											
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PS/ 1390 11-06-06 Call 4 1 1/3/08

Sample Acceptance Policy

All samples must meet the following requirements:

- Chain of Custody: The COC list of samples must match the number and type of sample containers
 received, and sample descriptions on the COC must match the sample bottles. The requested tests and
 where possible, specific methods are shown on the COC.
- Appropriate Container: The correct sample containers must be used for the requested analyses.
- Sample Volume: There must be sufficient sample volume for the test(s) requested.
- · Holding Time: The holding times for the requested analyses must not be expired.

Environmental samples must meet the following additional requirements:

- Sample Temperature: Samples that require refrigeration shall be considered acceptable if the temperature as measured upon receipt is either within 2° C of the required temperature or the method specified range. For samples with a specified temperature of 4° C, samples received at temperatures ranging from just above freezing to 6° C shall be acceptable.
 - NOTE: Samples that are delivered to the laboratory shortly after sampling may not meet this criterion. However, the samples shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice, or if the samples were taken within the hour.
- Sample Preservation: Where possible without sacrificing the integrity of the sample, determine whether the sample bottle has been preserved correctly.

Discrepancies:

If there is any doubt as to the suitability for testing such as the sample does not conform to the sample description, the sample containers are damaged, leaking, or may be contaminated from other damaged or leaking sample containers, or where testing is not specified, further instructions from the client are required. If the issue cannot be resolved and the sample does not meet sample acceptance criteria the laboratory shall either.

- Fully document any decision to proceed with the analysis and note the condition of the sample on the COC and work order; or
- Retain correspondence and/or records of conversations regarding the final disposition of rejected samples.

Rejected Samples:

- Should the client choose to proceed with testing on questionable samples, the Work Order must be clearly
 marked with the nature of the problem so that the final report data may be appropriately qualified.
- Rejected samples must still be logged into LIMS to obtain a unique sample identification number to track sample disposition. However, for rejected samples, no testing is assigned. Instead, the sample status is set to "Rejected" by editing the work order status using the Update Status function of the Laboratory menu in LIMS.

Refer to the Columbia Inspection, Inc. Laboratory Policy, LP00.01, Sample Acceptance Policy and SOP15.01 Sample Receipt for complete details.

Sample Disposal:

- Samples are disposed of after 45 days unless prior arrangements have been made with the laboratory.
- Samples that are deemed hazardous may be returned to the client for proper disposal.



CERTIFICATE OF ANALYSIS

CLIENT: Kinder-Morgan Corporation

5880 NW St. Helens Rd Portland OR, 92710

PROJECT NAME: Linnton T-3034

ATTN: Steve Tungate

PROJECT NUMBER: T-3034 8-06

PHONE: (503) 220-1276

FAX: (503) 220-1270

SUBMITTED: 11/13/06 15:50

REPORT DATE: 11/14/06 16:02 REPORT NUMBER: 6111308							PAGE:	1 OF 1	
CI SAMPLE 6111308-01	CLIENTS ID#	09.06		DATE 11/13/20	TIME 0700	MATRIX Water	_		
SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESUL		UNITS	DETECTION LIMIT	TECH	DATE/TIME	NOTES
6111308-01	SAMPLE ID: Ta	ank 3034, Batch 08-06							
General Bench	Analysis								
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASI	E ND		mg/L	2.0	JRW	11/14/2006 12:47	

General Bench Analysis - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
BATCH: Batch 6K14007 - Water Extra	ction									
OC 3MPLE: Blank (6K14007-BLK1)					Prepared a	& Analyzed	I: 11/14/06	_		
1 OIL AND GREASE	ND	2.0	mg/L							
QC SAMPLE: LCS (6K14007-BS1)					Prepared (& Analyzed	1: 11/14/06			
TOTAL OIL AND GREASE	28.9	2.0	mg/L	32.2		89.8	79-114			
QC SAMPLE: LCS Dup (6K14007-BSD1))				Prepared a	& Analyzed	I: 11/14/06			
TOTAL OIL AND GREASE	28.6	2.0	mg/L	32.2		88.8	79-114	1.04	18	

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Authorized for Release By:

Richard D. Reid - Laboratory Director

TANK 3034 DISCHARGE REPORT

NPDES Permit No. 1300-J

Kinder Morgan Linnton Terminal 11400 NW St. Helens Road Portland, Oregon 97231

Batch No.:	8-06
	Batch # and Vear

Start of Discharge:

Date	Start Time	Beginning Gauge Reading Gallons	Person Starting Discharge
11/15/06	0615	127791	AB

End of Discharge:

Date	Ending Time	Ending Gauge Reading Gallons	Person Ending Discharge
11/15/06	1245	2148	AB

Total Gallons Discharged = 125, 643

COLUMBIA INSPECTION, INC.

CHAIN OF CUSTODY RECORD AND

NON-COMMERCIAL BILL OF LADING

区 7133 N. Lombard, Portland, OR 97203

☐ 4901 E. 20th Street, Fife, WA 98424

☐ 4592 E 2nd Street, Ste 'A', Benicia, CA 94510

☐ 797 Channel Street, San Pedro, CA 90731

Ph: (503) 286-9464 Fax: (503) 285-7831

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Ph: (310) 833-1557 Fax: (310) 833-1585

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Refer to the Columbia Inspection, Inc. Laboratory Policy, LP00.01, Sample Acceptance Policy and SOP15.01 Sample Receipt for complete details.

Sample Disposal:

- Samples are disposed of after 45 days unless prior arrangements have been made with the laboratory.
- Samples that are deemed hazardous may be returned to the client for proper disposal.



CERTIFICATE OF ANALYSIS

CLIENT: Kinder-Morgan Corporation

PROJECT NAME: Linnton T-3034

ATTN: Steve Tungate

PROJECT NUMBER: 9-06

Spike Source

5880 NW St. Helens Rd Portland OR, 92710

PHONE: (503) 220-1276

FAX: (503) 220-1270

SUBMITTED: 11/27/06 14:20

%REC

RPD

REPORT DATE:	11/30/06 12:4	3	REPORT NUMBER	: 6112704	1			PAGE:	1 OF 1
CISAMPLE	CLIENTS ID#			DATE	TIME	MATRIX			
6112704-01	Tank 3034, Batch 0	9-06		11/22/200	6 1200	Water	_		
SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESU	LTS I	JNITS	DETECTION LIMIT	TECH	DATE/TIME	NOTES
6112704-01	SAMPLE ID: Tan	k 3034, Batch 09-06						-	
General Bench A	nalysis								
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	E ND	r	mg/L	2.0	JRW	11/28/2006 13:40	

General Bench Analysis - Quality Control

Detection

Batch/Sample	/Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
BATCH: Batc	h 6K28018 - Water Extracti	ion									
C AMPLE:	Blank (6K28018-BLK1)					Prepared: 1	1/28/06	Analyzed:	11/29/06		
L OIL AND	GREASE	ND	2.0	mg/L							
QC SAMPLE:	LCS (6K28018-BS1)					Prepared: 1	1/28/06	Analyzed:	11/29/06		
TOTAL OIL AND	GREASE	31.0	2.0	mg/L	43.0		72.1	79-114			
QC SAMPLE:	LCS Dup (6K28018-BSD1)					Prepared: 1	1/28/06	Analyzed:	11/29/06		
TOTAL OIL AND	GREASE	38.6	2.0	mg/L	43.0		89.8	79-114	21.8	18	
QC SAMPLE:	Matrix Spike (6K28018-MS1)			Source: 6110	0708-02	Prepared: 1	1/28/06	Analyzed:	11/29/06		
TOTAL OIL AND	GREASE	30.7	2.0	mg/L	43.0	ND	71.4	79-114			

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Authorized for Release By:

Charles Morrow - Laboratory Director

TANK 3034 DISCHARGE REPORT

NPDES Permit No. 1300-J

Kinder Morgan Lumon Terminal 11400 NW St. Helens Road Portland, Oregon 97231

Barch # and Year

Start of Discharge:

Date	Start Time	Beginning Gauge Reading Gallons	Person Starting Discharge
1/30/06	1115	127791	5

and of Discharge:

Date	Ending	Ending Gauge Reading	Person Ending
	Time	Gallons	Discharge
12/1/06	1400	2203	AB_

Total Gallons Discharged - 125588

COLUMBIA INSPECTION, INC.

CHAIN OF CUSTODY RECORD AND

NON-COMMERCIAL BILL OF LADING

୍ରାପ୍ଲି 7133 N.	Lombard, Portland, OR 97203	
□ 4901 E.	20th Street, Fife, WA 98424	

☐ 4592 E 2nd Street, Ste 'A', Benicia, CA 94510

☐ 797 Channel Street, San Pedro, CA 90731

Ph: (503) 286-9464 Fax: (503) 285-7831 Ph: (253) 922-8781 Fax: (253) 922-8957 Ph: (707) 748-7587 Fax: (707) 748-7764

Ph: (310) 833-1557 Fax: (310) 833-1585

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Sample Acceptance Policy

All samples must n. 'et the following requirements:

- Chain of Custody: The COC list of samples must match the number and type of sample containers received, and sample descriptions on the COC must match the sample bottles. The requested tests and where possible, specific methods are shown on the COC.
- Appropriate Container: The correct sample containers must be used for the requested analyses.
- Sample Volume: There must be sufficient sample volume for the test(s) requested.
- Holding Time: The holding times for the requested analyses must not be expired.

Environmental samples must meet the following additional requirements:

- Sample Temperature: Samples that require refrigeration shall be considered acceptable if the temperature as measured upon receipt is either within 2° C of the required temperature or the method specified range. For samples with a specified temperature of 4° C, samples received at temperatures ranging from just above freezing to 6° C shall be acceptable.
 - NOTE: Samples that are delivered to the laboratory shortly after sampling may not meet this criterion. However, the samples shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice, or if the samples were taken within the hour.
- Sample Preservation: Where possible without sacrificing the integrity of the sample, determine whether the sample bottle has been preserved correctly.

Discrepancies:

If there is any doubt as to the suitability for testing such as the sample does not conform to the sample description, the sample containers are damaged, leaking, or may be contaminated from other damaged or leaking sample containers, or where testing is not specified, further instructions from the client are required. If the issue cannot be resolved and the sample does not meet sample acceptance criteria the laboratory shall either.

- Fully document any decision to proceed with the analysis and note the condition of the sample on the COC and work order, or
- Retain correspondence and/or records of conversations regarding the final disposition of rejected samples.

Rejected Samples:

- Should the client choose to proceed with testing on questionable samples, the Work Order must be clearly
 marked with the nature of the problem so that the final report data may be appropriately qualified.
- Rejected samples must still be logged into LIMS to obtain a unique sample identification number to track sample disposition. However, for rejected samples, no testing is assigned. Instead, the sample status is set to "Rejected" by editing the work order status using the Update Status function of the Laboratory menu in LIMS.

Refer to the Columbia Inspection, Inc. Laboratory Policy, LP00.01, Sample Acceptance Policy and SOP15.01 Sample Receipt for complete details.

Sample Disposal:

- Samples are disposed of after 45 days unless prior arrangements have been made with the laboratory.
- Samples that are deemed hazardous may be returned to the client for proper disposal.

API SEPARATOR DISCHARGE REPORT NPDES Permit No. 1300-J

Kinder Morgan Linnton Terminal 11400 NW St. Helens Road Portland, Oregon 97231

API Separator Direct Discharge to Out Fall:

Month/	//- Year 0	6
Start Time 0700	1/- 4-06	Person Starting API Dis harge
End Time	11-4-06	Person Ending API Dis harge
Minutes (/ YO) x GPM Flor	w Rate (275) = .49500_	_ Total Gallons Discha ged
Start Time	Date 11-6-06	Person Starting API Di sharg
End Time	11-6-06	Person Ending API Di :harge
Minutes (240) x GPM Flor	w Rate (275) = <u>66000</u>	_ Total Gallons Disch rged
Start Time 0700	11-7-06	Person Starting API D charg
End Time	11-7-06	Person Ending API Di charge
Minutes (3 ©) x GPM Flor	w Rute (275) = <u>825</u> 30	_ Total Gallons Disch rged
By checking this box, Kinder NPDES Out Fall for the mon		NO discharges through tois
Signature:	ale Tome Date:	11-09-06
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API SEPARATOR DISCHARGE REPORT NPDES Permit No. 1300-J

Kinder Morgan Linnton Terminal 11400 NW St. Helens Road Portland, Oregon 97231

API Separator Direct Discharge to Out Fall:

	Direct Discharge to Out Fa	311:
Month_	Nov. Year D	6
Start Time	Date	Person Starting API Die harge
0700	11-13-06	de la
End Time	Date	Person Ending API Dis harge
0900	11-13-06	ALS
Minutes (/20·) x GPM]	Flow Rate (275) = 33000	Total Gallons Disch: ged
Start Time	Date	Person Starting API Di Sharge
0700	11-22-06	NE
End Time	Date	Person Ending API Di harge
1400	11-22-06	Alas
Minutes (428) x GPM	Flow Rate (275) = <u>//5.500</u>	Total Gallons Disch rged
Start Time	Date	Person Starting API D charge
0800	11-23-06	#13
End Time	Date	Person Ending API Di charge
1500	11-23-06	1915
Minutes (420) x GPM	Flow Rate (275) = //5500_	Total Gallons Disch rged
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By checking this box, Kir NPDES Out Full for the i	nder Morgan certifies that there were month.	NO discharges through t is
Signature: 5	Date:	11-25-06
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API SEPARATOR DISCHARGE REPORT NPDES Permit No. 1300-J

Kinder Morgan Linnton Terminal 11400 NW St. Helens Road Portland, Oregon 97231

API Separator Direct Discharge to Out Fall:

D	irect Discharge to Out Fa	ill:	•
Month	//- Year <i>O</i>	6	
Start Time	Date	Person Starting API Di	harge
0700	11-24-06	#15	
End Time	Date	Person Ending API Dis	harge
1400	11-24-06	76	
Minutes (420) x GPM Flo	w Rate (275) = <u>1/5500</u>	Total Gallons Discha	.ged
Start Time	Date	Person Starting API Di	
0700	11-26-06	rerson starting API Di	:narge
L	l ' '	AL F	·
End Time	Date	Person Ending API Di	harge
1200	11-26-06	MI	
Minutes (300) x GPM Flo	W Rate (275) = <u>\$2500</u>	Person Starting API D	
0700	11-27-06	NES.	
End Time	Date	Person Ending API Di	charge
0800	11-27-06	MIES	
Minutes (60) x GPM Flo	ow Rate (275) = 16500	Total Gallons Disch	rged
By checking this box, Kinde NPDES Out Fall for the mor	r Morgan certifies that there were l nth.	NO discharges through t	15
Signature: 13 Eac	b-vva Date:	11-27	

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